FIGURE 1

Figure 2

Figure 3

FIGURE 4

FIGURE 5

7

8

9

33 (X=H) 37 (X=F)

30 (X=H or F)

31

FIGURE 6

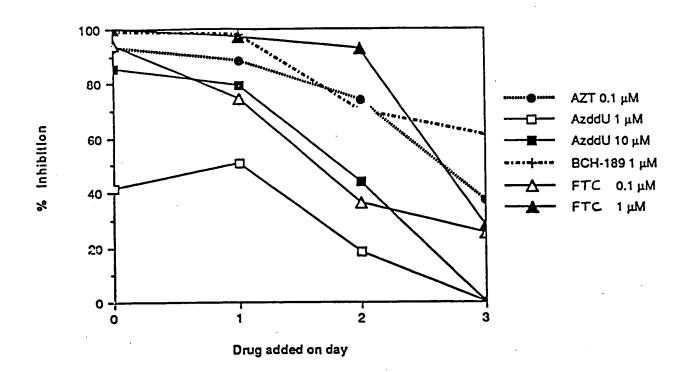


FIGURE 7

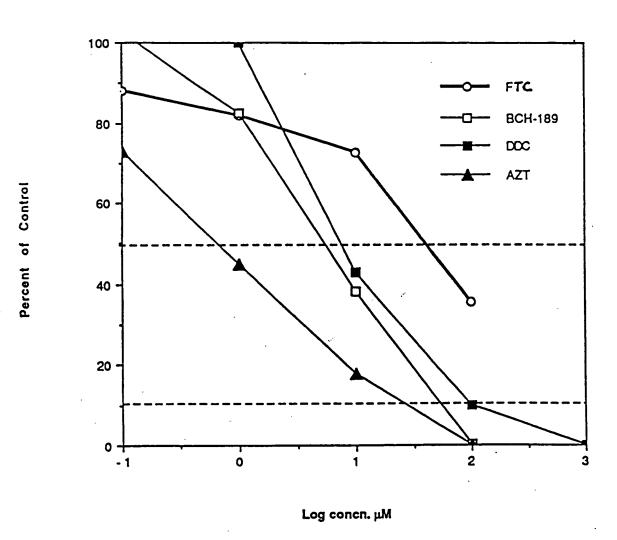
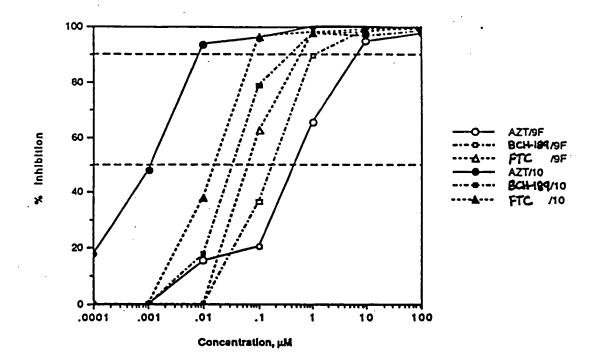


FIGURE 8



CONFIDENTIAL

EXPRESS MAIL NO. FB 116207564 US

CERTIFICATE OF MAILING

I hereby certify that the foregoing patent application entitled "METHOD FOR THE SYNTHESIS, COMPOSITIONS AND USE OF 2'-DEOXY-5-FLUORO-3'-THIACYTIDINE AND RELATED COMPOUNDS" by Dennis C. Liotta, Raymond F. Schinazi and Woo-Baeg Choi, a Statement of Status as Small Entity, informal drawings and a check in the amount of \$585.00 is being deposited with the United States Postal Service as Express Mail Invoice No. FB 116207564 US in an envelope addressed to:

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on this 22 day of february	<u>, 1991.</u>
Betty Owens	2 22 91 DATE

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F1G. 1

OR
$$O_3$$
 HOR O_3 O_3 O_4 O_5 O_5

FIG. 2

FIG. 3

OR
$$0_3$$
 HOR 0_3 HS 0_4 RO 0_5

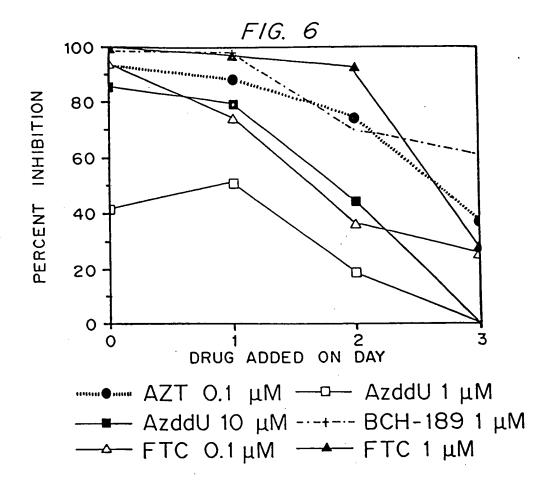
8

$$\frac{32}{36}$$
 (x = H)

(X = H)(X = F)

$$\begin{array}{c} \underline{35} \\ \text{OTMS} \\ \text{N} \\ \text{CH}_3 \end{array}$$

30 (x=H OR F) 31



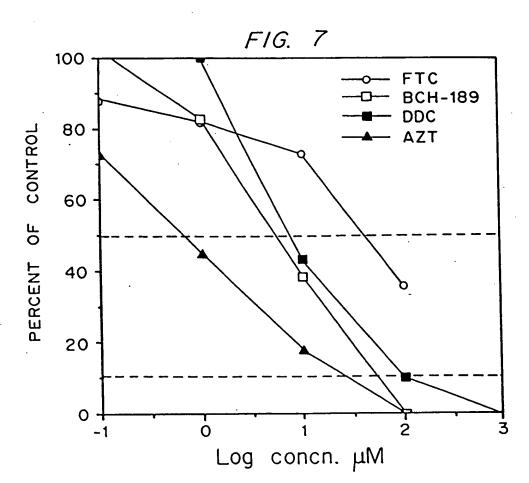


FIG. 8

